

INTERNATIONAL SEARCH REPORT

Intel Application No
PCT/IB2004/052329

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/12 G11B7/09 G11B7/085

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 535 583 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 7 April 1993 (1993-04-07)	1-4, 17
A	column 8, line 24 - column 16, line 5; figures 1-11 column 1, line 14 - column 6, line 14	13-16
X	EP 1 253 587 A (KABUSHIKI KAISHA TOSHIBA) 30 October 2002 (2002-10-30)	9-12, 18, 19
A	paragraphs '0018! - '0029!; figures 3, 6, 15-20	5-8, 13-16
A	US 2002/075773 A1 (LEE JIN-WON) 20 June 2002 (2002-06-20) cited in the application the whole document	1-19

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

21/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 01, 14 January 2003 (2003-01-14) & JP 2002 251758 A (VICTOR CO OF JAPAN LTD), 6 September 2002 (2002-09-06) cited in the application abstract -----	1-19
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07, 31 August 1995 (1995-08-31) -& JP 07 098875 A (RICOH CO LTD), 11 April 1995 (1995-04-11) abstract -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			JP	5151603 A	18-06-1993
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